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SciFest Dubai

2016 Programme of Events

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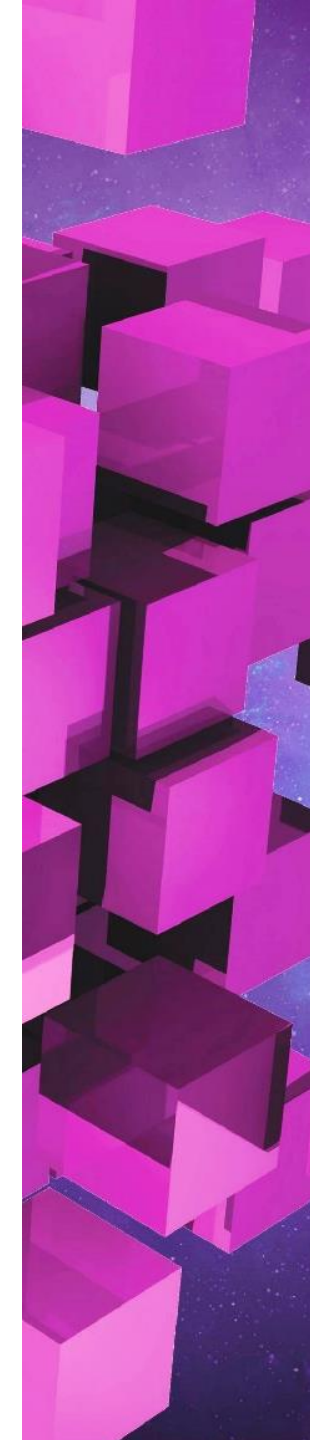
DUBAI SCIENCE PARK

Tuesday 1 November 2016

Event	Description	Audience Age	Time & Venue	Maximum Audience
Critical Wonder Serious Awe	<p>Keynote Conference Theme: Moonshot Thinking We are a species of moonshot thinking . We have set our minds to magical, seemingly impossible ideas and have brought them to reality through innovation, science, and technology. This sets others on fire. Join the speakers as they share the best of human progress and all the amazing, ambitious, and audacious things we have accomplished.</p>	14-adults	10:00am -11:15am @Wellington Academy Silicon Oasis Click here to register	600 Fully booked Registration Closed
Panel Discussion	<p>Science and Art: The Future of Education Technology is growing at an exponential rate. What impact will this have on Education? How will Virtual Reality and Augmented Reality disrupt the way teachers teach? What impact will Big Data, Robotics, Artificial Intelligence, and the Internet of things have on students and the teaching and learning process? Join the panel as they discuss how education will have to change in the coming years.</p>	14 - adults	11:45am – 12:45am @Wellington Academy Silicon Oasis	600 Fully booked Registration Closed
Science Debate	<p>Motion: This House believes De-extinction is a good investment of scientific resources We are now on the threshold of reviving extinct species and re-introducing them to the wild. Can it be done responsibly? Should it be done at all? Join us as we discuss the science behind de-extinction and debate the ethical and environmental repercussions of the creation of species by humans.</p>	14- adults	11:00am -12:00am @Wellington Academy Silicon Oasis	50 Fully booked Registration Closed
Science Debate	<p>Motion: This House believes that Science has made the world a safer place Technology is growing at an exponential rate. Science is having a radical impact on all aspects of human life. How will this impact society and our future. On the one hand, science gives us modern medicine, genetics, robotics, nanotechnology, and on the other hand science also gives us nuclear devices and other weapons of mass destruction. On the whole, has science made the world a safer place?</p>	14-adults	11:00am -12:00am @GEMS Modern Academy	100 Fully booked Registration Closed

Wednesday 2 November 2016

Event	Description	Audience Age	Time & Venue	Maximum Audience
Café Scientifique	Edge of the Universe How big is the observable universe? What is it made of? What lies beyond it? Was there a time before the Big Bang? Could space have unseen dimensions? Join us as we explore the latest discoveries about the edge of space and the composition of the universe.	14 - adults	11:45am – 12:45am @GEMS Modern Academy	50 Fully booked Registration Closed
Science Talk	Guest Speaker: Adam Griffin (Occupational Therapist, Science Boffin) Topic: Live Long and Prosper: Science and medicine past, present and future. The often brutal, occasionally brilliant relationship between science and medicine	9-12	10:00am – 10:45am @Hartland International School	100 Fully booked Registration Closed
Science Talk	Guest Speaker: Anurag Amin ((Fossil Hunter and Admin Officer for Medical Grants at Sheikh Hamdan Award)) Topic: Deadly Dinosaurs –Jurassic Stories Everything you ever wanted to know about dinosaurs: which ones were the biggest, why did they go extinct, what's the difference between a brontosaur and brachiosaur... this exciting talk covers it all.	10- 14	10:00am -11:00am @Winchester Oud Mehta	100 Fully booked Registration Closed
Science Talk	Guest Speaker: Nirmal Rajah (Fossil Hunter & Education Coordinator, Mleiha Archaeological Centre) Topic: Fascinating Fossils What are fossils? How do we know how old they are? Where can we find them? How do we extract them? Join Dubai's pre-eminent fossil hunter, Nirmal Rajah, as he takes us on a scientific journey into the past and delves into the world of dinosaurs, ammonites, and other pre-historic creatures.	12-15	10:00am – 10:45am @ Our Own Indian School	100 Fully booked Registration Closed
Science Talk	Guest Speaker: Ajmal Hasan (Educational Manager, Maleiha Archaeological Centre) Topic: The Wonders of Maleiha Take a trip back in time and learn about the evidence of ancient settlers in the UAE during the Palaeolithic, Neolithic, Bronze, Iron and pre-Islamic periods and the sites where they lived and died.	12-15	10:00am – 10:45am @ Cambridge International School Dubai	100 Fully booked Registration Closed
Science Talk	Guest Speaker: Dr Kirin Hilliar (Forensic Psychologist) Topic: Forensic Psychology Learn about 'forensic psychology': the application of psychological principles to all areas of law and the legal system. Discover what it is, what it is not, how it is used in the courts, jails, support services and police, and how it can help make society safer.	14-18	10:00am – 10:45am @ Dubai British School	100 Fully booked Registration Closed
Star Party	Astronomy Stargazing Join us as we view the rings of Saturn, the red spot of Jupiter, the polar ice caps on Mars, the Orion Nebula, the Andromeda galaxy, and various other astronomical objects like the Orion Constellation, and the brightest stars in the night sky, including, Sirius, Betelgeuse, Procyon, Aldeberan, Vega and many more.	10 - adults	7:00pm – 9:00pm @Dubai Design District D3 Hai	500 Fully booked Registration Closed



Thursday 3 November 2016

Event	Description	Audience Age	Time & Venue	Maximum Audience
Panel Discussion	<p>Science Wonder and Awe: The Technological Singularity Technology is growing at an exponential rate. Everything around is a product of science and the scientific method. Join the panelists as they discuss what makes science amazing and why it's important to be scientifically literate in the 21st century age of information.</p>	14- adults	12:00am -12:45am @Wellington Academy Silicon Oasis	600 Fully booked Registration Closed
Debate	<p>Motion: This house believes that Pluto should be reinstated as a planet NASA's New Horizons spacecraft flyby has rejuvenated Pluto's public image, and researchers are learning new things about the dwarf planet -- such as the fact that it is actually larger than previously thought. Discover the reasons why Pluto should or shouldn't be re-classified as a planet.</p>	14- adults	10:00am -11:00am @Winchester School, Jebel Ali	100 Fully booked Registration Closed
Debate	<p>Motion: This house believes that Nuclear Energy is safe and beneficial for humanity Later in 2016, a nuclear power reactor will open in the US for the first time in two decades. How safe are nuclear power plants and what role can nuclear energy play in combatting climate change? Find out the facts at this debate.</p>	14- adults	11:00am -12:00am @Winchester School, Jebel Ali	100 Fully booked Registration Closed
Science Talk	<p>Guest Speaker: Mikolaj Zielinski (Mars One Candidate Astronaut) Topic: How to Colonise Mars Mars One will establish the first human settlement on Mars in 2023. Join us as we discuss this next giant leap for humankind with Dubai resident, Mikolaj Zielinski, who is in the Mars One shortlist to be one of the first settlers on the Red Planet.</p>	12-15	10:00am – 10:45am @English College	100 Fully booked Registration Closed

Friday 4 November 2016

Event	Description	Audience Age	Time & Venue	Maximum Audience
Science Show	<p>Mad Science: Fire and Ice Show</p> <p>Prepared to be amazed by the impressive science demonstrations in this spectacular show! From foggy dry ice storms to a Mad Science burp-flavored potion, audiences will be astonished by what they see, hear, and ugh... taste! Ever see scissors sizzle and shiver? Ever taken a bubble shower? Here's your chance!</p>	6-14 years old	2:00pm – 2:45 pm @ Mohammed bin Rashid Academic Centre	250 Click here to register
Panel Discussion	<p>Science, Art, and Education: STEM, STEAM, the future</p> <p>The STEM to STEAM movement has been taking root over the past several years and is surging forward as a positive mode of action to truly meet the needs of a 21st century economy. Join the panel as they discuss the importance of integrating strategies from the Arts into the teaching of STEM.</p>	14 - adults	3:00am – 3: 45am @ Mohd bin Rashid Academic Centre	200 Click here to register
Solar Viewing	<p>Sun-gazing using Solar Filters Lead Astronomer: Steven Bonnar</p> <p>The solar viewing sessions allow for safe telescopic observation of the sun using special solar filters to view sunspots. (Never look at the sun with the naked eye.)</p>	8- adults	3:00pm – 5:00 pm @ Mohd bin Rashid Academic Centre	500 Click here to register
Keynotes	<p>Speaker: Dr. Abdullah Al Karam, Director General, KHDA Science in the UAE</p> <p>Speaker: Ron Malanga Science of Music</p> <p>Speaker: Lara Matousian, Founder & CEO SciFest Dubai Elon Musk and the Future of Humanity</p> <p>Speaker: Rohan Roberts, Director, SciFest Dubai Science, Innovation, and the Enlightenment</p> <p>Speaker: Brett Schilke, Director of Impact, Singularity University Exponential and Disruptive Technology</p>	14-adults	4:00pm – 5:15 pm @ Mohammed bin Rashid Academic Centre	250 Click here to register
Science-Art Performance	<p>Performer: Moon Ribas Waiting for Earthquakes</p> <p>Moon Ribas is a Spanish avant-garde artist and cyborg activist best known for developing and implanting an online seismic sensor in her elbow that allows her to feel earthquakes through vibrations. Her choreography works are based on the exploration of new movements developed by the addition of new senses or sensory extensions to the dancer.</p>	14-adults	5:30pm – 5:45 pm @ Mohammed bin Rashid Academic Centre	250 Click here to register
PechaKucha	<p>PechaKucha is the Japanese word for chit-chat. PechaKucha, now in over 800 cities, was devised in Tokyo in February 2003 as a quick and simple way to network, and showcase ideas to the public. 20 seconds x 20 images PechaKucha is a short, concise presentation on auto-forward. Listen to six inspiring UAE-based science professors talk about their area of science research and explain why it's important for us to know about it.</p>	14 – adults	6:00pm – 6:45 pm @ Mohammed bin Rashid Academic Centre	250 Click here to register
Café Scientifique	<p>Cyborgs, Artificial Intelligence, and the Future of Art</p> <p>Artificial Intelligence is now able to make music and create art. Join us as we discuss how in the near futuer humans will merge with their machines and enhance themselves and create art and music the likes of which we've never dreamed of before.</p>	14-adults	7:00pm – 8:30 pm @ Mohammed bin Rashid Academic Centre	250 Click here to register

Saturday 5 November 2016

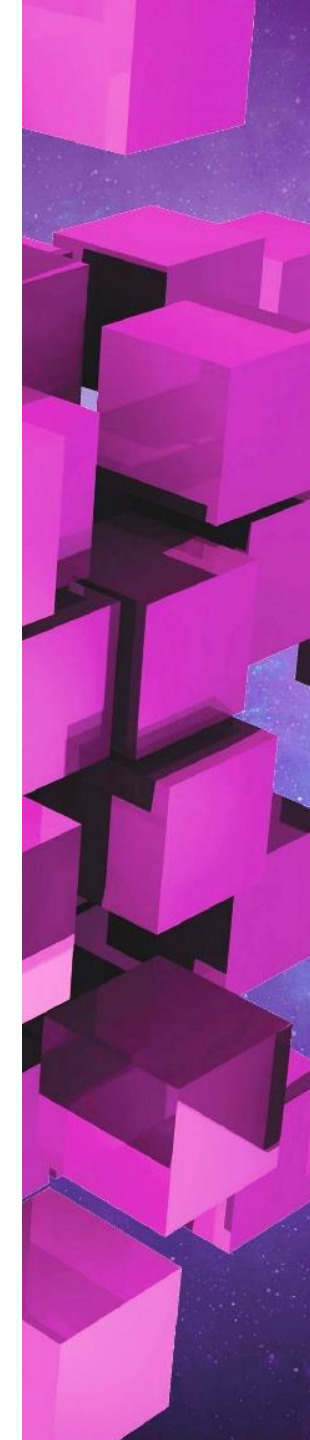
AED 20 per individual to enter Children's City

Event	Description	Audience Age	Time & Venue	Maximum Audience
Planetarium Show	<p>Oasis In Space One of Spitz's most popular and widely distributed full dome shows , Oasis In Space transports the audience on a starting and beautiful voyage through our universe , galaxy and solar system in search of liquid water – a key ingredient for life on Earth .</p>	6-13 years old	10:00am - 11:00am @Children's City	150 Registration at the venue
Planetarium Show	<p>Zula patrol From the far reaches of outer space , From the Planet Zula , come the stalwart heroes of the Zula patrol to stop villain "Dark Truder" from his nefarious scheme to rule the universe . Children will learn all about weather, both terrestrial and interplanetary</p>	6-13 years old	11:00am - 12:00pm @Children's City	150 Registration at the venue
Science Storytelling	<p>Science Stories come in many forms, and there are many different mediums one can use, each with its own merits. The Science Stories in this series have been selected for a younger audience and capture the magic and wonder of science in general and astronomy and space in particular.</p>	5-9 years old	2:00pm -2:30pm @Children's City Library	250 Registration at the venue
Science Show	<p>Mad Science Up, Up and Away See the Mad Scientist make a hot air balloon and demonstrate the science behind a parachute. Watch a vortex generator at work, ride a hovercraft, and see how pressure can be used to create cinematic special effects! Children will be astonished as a soda bottle is crushed by the atmosphere, and will learn how the forces at work affect the world around us. It's all possible when you send kids up in a Flying Science!!!</p>	6-13 years old	3::00pm -3:45pm @Children's City Main Auditorium	250 Registration at the venue
Science Magic	<p>Magic Show Fusing the showmanship and mystery of street magic with the raw power of science, Magician Taher Kathawala exposes the marvelous mechanics behind these seemingly miraculous feats. But here's the difference between science magicians and regular magicians. Taher will reveal the tricks behind his magic and explain them through science!</p>	6-13 years old	4:00pm -4:45pm @Children's City Main Auditorium	250 Registration at the venue
Science Show	<p>Cool Science Dragons's Breath Exciting experiments with Lycopodium powder which ignites when dispersed into a flame and it's only flammable when dispersed in air.</p>	6-13 years old	5:00pm -5:45pm @Children's City Main Auditorium	250 Registration at the venue
Science Film	<p>Film: Treasures of Ariyalur This is the first documentary ever on the fossils of India, and showcases a site with fossils of more than 5000 species from the past. The film gives a glimpse of various fossils available in Ariyalur, their identification, the geological time period they belong to and the reason behind their extinction.</p>	10 -adults	6:00pm- 6:45pm @Children's City Main Auditorium	250 Registration at the venue
Planetarium Show	<p>Stars This show focuses on the lives of the stars, how they are born, how they die, and how human understanding of the stars has changed over time. From Native Americans to Newton, from the electromagnetic spectrum to Einstein, audiences will explore nebulae, star clusters, pulsars, black holes, and more.</p>	6-13 years old	7:00pm- 7:45pm @Children's City Planetarium	150 Registration at the venue

Sunday 6 November 2016 @ Children's City

AED 20 per student to enter Children's City | [Click here](#) to register

9:30am – 10:15am	10:30am-11:15am	11:30am – 12:15pm
<p>Workshop 1A : Rock it Science A Journey into Outer Space. Age: 8-12 years old Max. 30 Learn about space through fun experiments and story-telling</p>	<p>Workshop 2A: Rock it Science Making Alien Slime Age: 8-10 years old Max. 30 Children make their own gooey alien slime by carefully measuring and mixing ingredients.</p>	<p>Workshop 3A: Curiosity Lab Under Pressure Age Group: Ages 6 to 12 Max: 30 participants An overview of the science behind getting rockets off the Earth and into Space. We start with Sir Isaac Newton and his seemingly simple laws of motion and end with some of the tricks and techniques more recent scientists have come up with to make our rockets soar.</p>
<p>Workshop 1B: Let's Discover Light it up! Ages: 5-8 years old - Max: 26 What colour is light? Why do we see rainbows? Explore sunlight to discover how many colours are hidden in it and why it looks white, find out how to use solar energy and investigate damages that sunlight can cause while learning about UV rays.</p>	<p>Workshop 2B: Curiosity Lab It's Rocket Science Age Group: Ages 6 to 12 Max: 30 participants An overview of the science behind getting rockets off the Earth and into Space. We start with Sir Isaac Newton and his seemingly simple laws of motion and end with some of the tricks and techniques more recent scientists have come up with to make our rockets soar.</p>	<p>Workshop 3B: Let's Discover Young Meteorologist! Ages: 5-8 years old - Max: 26 children Discover what it takes to be a young meteorologist: use anemometers to learn about wind, have fun while making tornadoes and observe how light scatters in rainbows. Get ready to touch a real, but safe, lightning and challenge your friends to make the loudest thunder.</p>
<p>Workshop 1C: Science Made Fun Chemistry in Action Ages: 5-10 years old - Max: 30 Roll up your sleeve and put on some goggles, we're about to explore the world of chemical reactions! Build a bubble city, learn about gases & density, make a snowflake, and get icky sticky with our non-newtonian fluid Oobleck!</p>	<p>Workshop 2C: Science Made Fun Chemistry in Action Ages: 5-10 years old - Max: 30 Roll up your sleeve and put on some goggles, we're about to explore the world of chemical reactions! Build a bubble city, learn about gases & density, make a snowflake, and get icky sticky with our non-newtonian fluid Oobleck!</p>	<p>Workshop 3C: DNA Extraction Ages: 12-14 years old - Max: 30 DNA is the life molecule in all living species on earth. Learn how to extract DNA from living cells.</p>
<p>Storytelling 1 : Gravity Author: Jason Chin Age Range: 4 - 8 years Blurb: How do we stay put on our planet and not float away into outer space? Chin introduces youngsters to the concept of gravity, presenting the information in highly understandable language and in captivating paintings that will delight young readers.</p>	<p>Storytelling 2: Pluto visits Earth Author: Steve Metzger Age Range: 4 – 8 years Blurb: Pluto visits Earth in a truly out-of-this-world adventure! Pluto is not pleased when he learns that astronomers have downgraded him from planet to dwarf planet. He embarks on a fun and out-of-this-world adventure across the solar system to visit Earth and reclaim his planetary status.</p>	<p>Storytelling 3 : Space Author: Derek Matthews Age range: 4 – 8 years Blurb: Kitty and Mouse are going to the Moon-won't you come, too? BEEP BEEP BEEP! That's alien-speak for "Let's be friends." WOOP WOOP! It's a space-tacular party! Rhymed text and interactive panels build language awareness in young readers, who will want to take this trip again and again.</p>
<p>Planetarium Show 1: Oasis In Space Age: 6-12 Max. 150 This show transports the audience on a starting and beautiful voyage through our universe , galaxy and solar system in search of liquid water – a key ingredient for life on Earth .</p>	<p>Planetarium Show 2 Zula patrol Age: 6-12 Max. 150 From the Planet Zula , come the stalwart heroes of the Zula patrol to stop villain "Dark Truder" from his nefarious scheme to rule the universe. Children will learn all about weather, both terrestrial and interplanetary.</p>	<p>Planetarium Show 3 Stars Age: 6-12 Max. 150 This show focuses on the lives of the stars, how they are born, how they die, and how human understanding of the stars has changed over time.</p>
<p>Stage Show: Cool Science: Laser Display Age: 6-12 Did you know that lasers are all around us? We depend on lasers in many everyday activities: to transmit data, to listen to music and watch DVDs, to perform surgery, to drill and cut materials. This show makes lasers fun and exiting!</p>	<p>Stage Show: Science Magic Age: 8-12 Fusing the showmanship and mystery of street magic with the raw power of science, Magician Taher Kathawala exposes the marvelous mechanics behind these seemingly miraculous feats. But here's the difference between science magicians and regular magicians. Taher will reveal the tricks behind his magic and explain them through science!</p>	<p>Science Play: Musical Theatre Geology Rocks Age : 10–14 A group of children have lost their Geology teacher – Professor Rock. The children, with the help of a rather inept Sherlock Holmes and Dr Watson, travel to volcanoes, the tectonic plates, below the Earth's crust, mountains, canyons and mines, looking for him. All the while learning about how fossil fuels came to be, and different types of rocks, minerals and natural phenomena.</p>

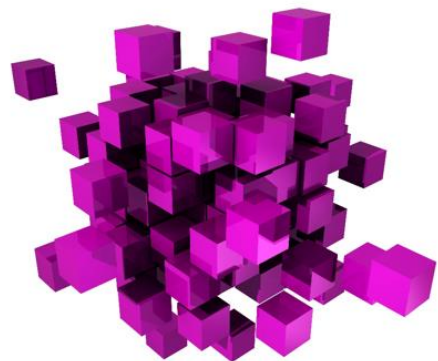


Sunday 6 November 2016 – Workshops @ Blended Learning Plaza

Event	Description	Audience Age	Time & Venue	Maximum Audience
Science Conversation	<p>Guest Speaker: Michael Shermer Focus: Science, Skepticism, Critical Thinking</p> <p>Michael Shermer is an American science writer, historian of science, founder of The Skeptics Society, and Editor in Chief of its magazine Skeptic. Shermer is also the producer and co-host of the 13-hour Fox Family television series Exploring the Unknown. He is a columnist for Scientific American magazine and is a scientific advisor to the American Council on Science and Health</p>	14-17	9:00 am– 10:00am @ Blended Learning Plaza	50 Fully booked Registration Closed
Workshop 4A	<p>Title: Intelligent Optimism</p> <p>Explore the evidence for how Science and Technology are helping to make the world better than it has ever been.</p>	14-17	10:00 am– 11:00am @ Blended Learning Plaza	50 Fully booked Registration Closed
Workshop 4B	<p>Title: The HUMAN Project</p> <p>What is the future of the Human species? Where are we headed? How will exponentially growing technologies and the approaching Singularity impact us all?</p>	14-17	11:00 am– 12:00am @ Blended Learning Plaza	50 Fully booked Registration Closed
Workshop 4C	<p>Title: Cosmic Citizenship</p> <p>Today's youth are already Global Citizens. This workshop explores how students of today</p>	14-17	12:00 am – 1:00pm @ Blended Learning Plaza	50 Fully booked Registration Closed

Monday 7 November 2016

Event	Description	Audience Age	Time & Venue	Maximum Audience
Teacher Training	<p>Neuro-education Neuroeducation is the conflation of Psychology, Pedagogy and Neuroscience. We have learnt more about the human brain in the last 5 years than we have in all the previous centuries combined. Brain mapping and brain scanning technologies are growing at an exponential rate. Join us as we discuss its impact on learning and education.</p>	Teachers	9:00am – 10:15am @BLP	50 Fully booked Registration Closed
Teacher Training	<p>STEM to STEAM The STEM to STEAM movement has been taking root over the past several years and is surging forward as a positive mode of action to truly meet the needs of a 21st century economy. STEM alone misses several key components that many employers, educators, and parents have voiced as critical for our children to thrive in the present and rapidly approaching future. This session focusses on the importance of integrating strategies from the Arts into the teaching of STEM.</p>	Teachers	10:30am – 11:00am @BLP	50 Fully booked Registration Closed
Café Scientifique	<p>How to Colonise Mars Mars One will establish the first human settlement on Mars in 2023. Join us as we discuss this next giant leap for humankind with Dubai resident, Mikolaj Zielinski, who is in the Mars One shortlist to be one of the first settlers on the Red Planet.</p>	14-17	1:00pm – 2:00pm @ Kindergarten Starters	50 Fully booked Registration Closed
Science Excursion	<p>Mleiha Archaeological Centre Venture deep into the deserts of Sharjah and uncover the secrets of the region's ancient Bedouin culture through intriguing information, exhilarating recreational activities and breath-taking natural landscapes. Discover something unique every time with our ongoing excavation programme, which ensures there's always a new treasure waiting to be unearthed.</p>	16-18	9:00am – 2:00pm @ Mleiha Archaeological Centre	50 Fully booked Registration Closed



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